



**Description:** ÖLFLEX HEAT 180 SiHF 5 G 10\_

**Lapp code:** Lapp 00460453

The **Test voltage** of the cable Lapp 00460453 is 2000 V.

## Application range

- Areas with high ambient temperatures where insulating and sheath materials of conventional cables will embrittle after a short while
- Typical fields of application
  - Steel, ceramic and iron works
  - Bakery equipment and industrial furnaces
  - Electric motor industry
  - Sauna/solarium construction
  - Thermal and heating elements
  - Lighting technology
  - Ventilator engineering
  - Air-conditioning technology
  - Galvanisation technology

## Product Make-up

- Fine-wire, tinned-copper conductor
- Silicone-based core insulation
- Cores twisted in layers
- Silicone-based outer sheath, colour red-brown

In our Cable list on next page you can find all interesting information acc. article Lapp 00460453 and much more.

CABLE LIST - all informations you need you can find here

| Product Name                  | Lapp Nr.      | Number of cores and mm <sup>2</sup> per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|-------------------------------|---------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® HEAT 180 SiHF         |               |   |                     |                      |                |
| ÖLFLEX HEAT 180 SiHF 2 X 0,75 | Lapp 0046001  | 2 X 0,75  | 6,4                 | 14.4                 | 59             |
| ÖLFLEX HEAT 180 SiHF 3 G 0,75 | Lapp 0046002  | 3 G 0,75  | 6,8                 | 21.6                 | 70             |
| ÖLFLEX HEAT 180 SiHF 4 G 0,75 | Lapp 00460033 | 4 G 0,75  | 7,6                 | 28.8                 | 89             |
| ÖLFLEX HEAT 180 SiHF 5 G 0,75 | Lapp 00460043 | 5 G 0,75  | 8,5                 | 36.0                 | 112            |
| ÖLFLEX HEAT 180 SiHF 6 G 0,75 | Lapp 0046005  | 6 G 0,75  | 9,2                 | 43.2                 | 131            |
| ÖLFLEX HEAT 180 SiHF 7 G 0,75 | Lapp 0046006  | 7 G 0,75  | 9,2                 | 50.4                 | 136            |
| ÖLFLEX HEAT 180 SiHF 2 X 1    | Lapp 0046007  | 2 X 1   | 6,6                 | 19.2                 | 66             |
| ÖLFLEX HEAT 180 SiHF 3 G 1    | Lapp 0046008  | 3 G 1   | 7.0                 | 29.0                 | 79             |
| ÖLFLEX HEAT 180 SiHF 4 G 1    | Lapp 00460093 | 4 G 1   | 7,9                 | 38.4                 | 101            |
| ÖLFLEX HEAT 180 SiHF 5 G 1    | Lapp 00460103 | 5 G 1   | 8,8                 | 48.0                 | 127            |
| ÖLFLEX HEAT 180 SiHF 7 G 1    | Lapp 0046012  | 7 G 1   | 9,5                 | 67.0                 | 156            |
| ÖLFLEX HEAT 180 SiHF 2 X 1,5  | Lapp 0046013  | 2 X 1,5   | 7,6                 | 29.0                 | 90             |
| ÖLFLEX HEAT 180 SiHF 3 G 1,5  | Lapp 0046014  | 3 G 1,5   | 8.0                 | 43.0                 | 109            |
| ÖLFLEX HEAT 180 SiHF 4 G 1,5  | Lapp 00460153 | 4 G 1,5   | 8,8                 | 58.0                 | 134            |
| ÖLFLEX HEAT 180 SiHF 5 G 1,5  | Lapp 00460163 | 5 G 1,5   | 9,6                 | 72.0                 | 163            |
| ÖLFLEX HEAT 180 SiHF 7 G 1,5  | Lapp 0046018  | 7 G 1,5   | 10,4                | 101.0                | 202            |
| ÖLFLEX HEAT 180 SiHF 12 G 1,5 | Lapp 0046039  | 12 G 1,5  | 14.0                | 173.0                | 361            |
| ÖLFLEX HEAT 180 SiHF 16 G 1,5 | Lapp 0046040  | 16 G 1,5  | 16,2                | 230.4                | 478            |
| ÖLFLEX HEAT 180 SiHF 20 G 1,5 | Lapp 0046041  | 20 G 1,5  | 17,5                | 288.0                | 574            |
| ÖLFLEX HEAT 180 SiHF 24 G 1,5 | Lapp 0046042  | 24 G 1,5  | 19,8                | 345.6                | 720            |
| ÖLFLEX HEAT 180 SiHF 2 X 2,5  | Lapp 0046019  | 2 X 2,5   | 8,8                 | 48.0                 | 128            |
| ÖLFLEX HEAT 180 SiHF 3 G 2,5  | Lapp 0046020  | 3 G 2,5   | 9,7                 | 72.0                 | 167            |
| ÖLFLEX HEAT 180 SiHF 4 G 2,5  | Lapp 00460213 | 4 G 2,5   | 10,6                | 96.0                 | 206            |
| ÖLFLEX HEAT 180 SiHF 5 G 2,5  | Lapp 00460223 | 5 G 2,5   | 11,6                | 120.0                | 251            |

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|------------------------------|---------------|---|---------------------|----------------------|----------------|
| ÖLFLEX HEAT 180 SiHF 7 G 2,5 | Lapp 0046024  | 7 G 2,5   | 12,6                | 168.0                | 313            |
| ÖLFLEX HEAT 180 SiHF 2 X 4   | Lapp 0046025  | 2 X 4   | 10,8                | 76.8                 | 196            |
| ÖLFLEX HEAT 180 SiHF 3 G 4   | Lapp 0046026  | 3 G 4   | 11,5                | 115.0                | 241            |
| ÖLFLEX HEAT 180 SiHF 4 G 4   | Lapp 00460273 | 4 G 4   | 12,6                | 154.0                | 300            |
| ÖLFLEX HEAT 180 SiHF 5 G 4   | Lapp 00460283 | 5 G 4   | 14.0                | 192.0                | 374            |
| ÖLFLEX HEAT 180 SiHF 7 G 4   | Lapp 0046030  | 7 G 4   | 15,6                | 269.0                | 486            |
| ÖLFLEX HEAT 180 SiHF 2 X 6   | Lapp 0046031  | 2 X 6   | 12,4                | 116.0                | 268            |
| ÖLFLEX HEAT 180 SiHF 3 G 6   | Lapp 0046032  | 3 G 6   | 13,2                | 173.0                | 333            |
| ÖLFLEX HEAT 180 SiHF 4 G 6   | Lapp 00460333 | 4 G 6   | 14,7                | 230.0                | 425            |
| ÖLFLEX HEAT 180 SiHF 5 G 6   | Lapp 00460343 | 5 G 6   | 16,6                | 288.0                | 538            |
| ÖLFLEX HEAT 180 SiHF 7 G 6   | Lapp 0046036  | 7 G 6   | 18,6                | 403.0                | 705            |
| ÖLFLEX HEAT 180 SiHF 4 G 10  | Lapp 00460373 | 4 G 10  | 19,4                | 384.0                | 707            |
| ÖLFLEX HEAT 180 SiHF 5 G 10  | Lapp 00460453 | 5 G 10  | 21,6                | 480.0                | 878            |
| ÖLFLEX HEAT 180 SiHF 4 G 16  | Lapp 00460383 | 4 G 16  | 21,4                | 614.0                | 1004           |